

ABSTRACT OF THE DISCLOSURE

Functional circuits such as a processor, an SRAM,  
a DRAM and a flash-EEPROM are mounted on a semicon-  
ductor chip. Of these functional circuits, for  
example, the flash-EEPROM which fluctuates a potential  
of the semiconductor chip is separated from the other  
circuits by means of a separating region provided in  
the semiconductor chip. In addition, the separating  
region is put in contact with the entire side faces of  
the semiconductor chip.

5

10